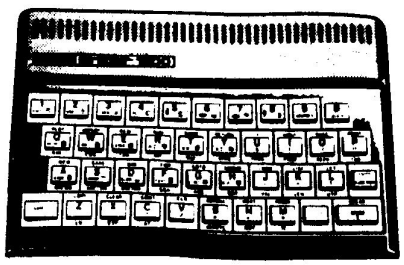

TIMELINEZ

Volume 2 Issue 12 December 1984 $1.00

Timelinez Index

Vol. 1, Issue 1 (Jul. 1983) to Vol. 2, Issue 11 (Nov. 1984)

Thanks to Bill Miller for this month's index issue. Bill went through all the old Timelinez's and put each article into the index. The index is in date order, beginning with Volume 1, Issue 1, from July, 1983. Each issue is headed by the word TIMELINEZ, followed by the date (YYMM), and the volume and issue numbers. Under the heading, each article is preceeded by its page number. If there are several topics covered in one article, then the topics are preceeded with astericks.

Bill's hope is to put all Timex/Sinclair articles into a "bulletin board" index. Ideally, people would be able to call up the bulletin board and ask for articles on a given topic or by a given author. The index would be constantly updated by users who would input new references.

To give you a flavor of what Bill is trying to do, I have put this TIMELINEZ index into a VU-FILE database. Tapes will be available from your respective computer clubs. With the VU-FILE database each record is an article. You can search for any string in the database (ie: "modem") and find all articles which reference that string.

If anyone is interested in helping Bill get his bulletin board going, talk to him at your next club meeting (Bill attends just about all the club meetings).

Jim March

PUG ANNOUNCEMENT OF MEET. CHANGE

Due to a conflict with the Super Bowl, the January 20th meeting of the Peninsula Users Group will start at 10 AM. We hope to see everyone there.

Watch next month for part two of the Timex Perpetual Calendar program!

TIMELINEZ 8307 (Vol 1, Issue 1)
P1* Learning Z80 Assembly Language Programming BY Frank Maura
P1* Machine Code Graphics: The TS1000 (and ZX81) Display File BY Joel Brody
P3* Programming Tips- Saving Bytes On Your Menus BY Kendric Smith
P3* 'Mastering Your Timex/ Sinclair 1000 Personal Computer' Book Review BY David Kinkead
P4* PUG News BY George Mockridge
P4* EBZUG News BY Rick Link
P4* SincLink News BY Paul Perreault
P6* Computer Continuum Product Reports BY Eric Reiter
**** Fast Fourier Transform
**** Dual Trace Storage Scope
**** Printer Plotter
P7* ISMOVE: A Simple Moving Graphic in Machine Code BY Joel Brody
P7* Mystery Program Explained BY Bob Orrfelt
P8* 'TELEPHONE LIST' Program Listing (Part Two) BY ?

TIMELINEZ (c) is the joint publication of three Timex/Sinclair User Groups in the San Francisco / Oakland / San Jose Bay Areas. Old and new members are always welcome including hardware, software, beginners, experts, etc. We hope to see YOU at our next meeting:

EBZUG	3rd. Thu. Jan. 17 and Feb. 21
PUG	3rd. Sun. Jan. 20 and Feb. 17
SVSTUG	Last Tue. Jan. 29 and Feb. 26

TIMELINEZ 8308 (Vol 1 Issue 2)
P1* Timex News
P1* Hardware/ Software Reviews
**** Exatron Stringy Floppy with Interface
**** Hunter 2K-8K Nonvolatile Memory Board
**** Z-XLR8 Fast Load Program
P1* 'Tell Timex' Contest
P2* 64K BYTE Memory Expansion for the TS1000 BY Terry Trigg
P4* Rounding Off to 2 Decimal Places for Financial Programs By Joel Brody
P4* INKEY$ Program Control BY Neil Steckley
P5* ZXTALKER Voice Synthesizer for the TS1000 BY Leland Harker
P5* Tactile Keyboard Feedback for a Dime BY Henry Pollard
P6* Learning Z80 Assembly Language Programming (Part 2) BY Frank Maura
P9* EBZUG News BY Joel Brody
P9* 'Science and Engineering Programs for the Timex/ Sinclair 1000' Book Review BY Henry Pollard
P10* 'British Electronics Wiz, Clive Sinclair, Turns Efforts to Developing Electric Car' Article By David Brand Reprinted from 'The Wall Street Journal'
P11* PUG News BY George Mockridge
P11* Announcing T.S.U.N.A.M.I. BY Walt Gaby

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Due to a conflict with the Super Bowl, the January 20th meeting of the Peninsula Users Group will start at 10 AM. We hope to see everyone there.

TIMELINEZ 8309 (Vol 1 Issue 3)
P1* Orgainizer: The Poor Man's Word Processor BY Rick Link
P1* Timex News Update BY ?
P3* Saving Bytes After a Menu BY Kendric Smith
P3* 'Timex/ Sinclair 1000 BASIC Programs in Minutes' Book Review BY Norm Lehfeldt
P4* RAM- Pack Wobble Cures BY George Mockridge
P5* Tape Loading Problems?- Cures By George Mockridge
P5* Protect Your Computer from Line Transients BY Bob Wilson
P6* Public Domain Software BY Henry Polard, EBZUG Librarian
P7* PUG News BY George Mockridge
P8* New Timex Software Program Reviews BY Joel Brody
**** Automobile Analyzer
**** Solar Water Heater Designer
**** Guitar for Beginners
**** Pinball
**** Merchant of Venus
**** Real Estate Investment Analysis
**** Music Educator
**** FUNdamentals of Math
**** Spelling Bee
**** Capitalization Master
**** Language Usage Master

TIMELINEZ 8310 (Vol 1 Issue 4)
P11* Timex News Update BY George Mockridge
***** TIMELINEZ gets it's hands on it's first TS2068
P12* Amateur Radio BY Teddy E. Helderman
P13* 'Tell Timex' Contest Results
P14* PUG News BY George Mockridge
P15* MTX- 512, World Class Computer from MEMOTECH
P16* Information Wanted: Can anyone interface a paper tape punch to a TS1000?
P17* Learning Z80 Assembly Language Programming (Part 3) BY Frank Maura
P18* 'Your Timex Sinclair 1000 and ZX81' Book Review BY Walter Miller
P19* 'The Essential Guide to Timex/ Sinclair Home Computers' Book Review BY Jeanette Mancock

TIMELINEZ 8311 (Vol 1 Issue 5)
P21* 2000 Update
P22* A Low Cost Disk Drive for the Timex/ Sinclair: ZX Microdrive Announced
P22* Solar Water Heater Payoff Program Listing BY Howard Collins
P23* Learning Z80 Assembly Language Programming (Part 3) BY Frank Maura
P23* 'Timex Sinclair Still in the Game' BY Kevin Anderson Reprinted from 'USA TODAY'
P24* Notice of 'Timex Celebration' in Boston on Oct. 22. Rita Carr will Represent TIMELINEZ
P25* PUG News BY George Mockridge
P26* 'Tell Timex' Contest Results (Part 2)
P27* SincLink News BY Paul Perrault
P28* Call for Forth Interest Timex Sinclair (F.I.T.S.) Special Interest Group BY Walt Gaby
P29* 'SCOREPAD' Score Keeping Program listing BY Walter E. Johnson

TIMELINEZ 8312 (Vol 1 Issue 6)
P31* Head Trauma Alliance Seeks Cognitive Rehabilitation Software (HELP! ..I can't ..think of ..the word..!) BY Richard A. Huxtable
P33* A Celabration, October 22, 1983. A report on the Boston T/S Celebration BY Rita Carr
Enclosure* FORTH interest Questionare BY Walt Gaby

8401 TIMELINEZ (Vol 2 Issue 1)
P1* Timex Update
**** Timex Modem Avail. 'soon'
**** Timex Micro-Drive Avail. 'soon'
**** Timex Bus Expansion Unit Avail. 'soon'
**** Timex 2080 Printer Avail. 'soon'
P1* South Bay T/S User's Group
**** Richard L. Huxtable of The Head Trauma Alliance and Billy Skyrme of Timex to speak at the January meeting
**** 831219 Dan Ross, Timex Computer VP resigns
P2* EBZUG Info- American Head Trauma Alliance Update
P3* TEXTWRITER 1000 TS1000 Program Review BY Paul D. Perreault
P4* MEMOTEXT TS1000 Program Review BY Norm Lehfeldt
P5* WORD SINC II TS1000 Program Reviews BY Walt Johnson and Dennis J. Krill
P6* PUG Membership Directory

8402 TIMELINEZ (Vol 2 Issue 2)
P9* Timex Update
**** January South Bay Meeting
***** Timex representatives announce new products
***** Timex representatives show new products
P9* American Head Trauma Alliance needs Cognitive Rehabilitation Software- Contact Walt Gaby
P10* South Bay Meeting A Success- Attendance over 130- Dick Huxtable of The Head Trauma Alliance speaks on the need for Cognitive Rehabilitation Software BY Rita Carr
P10* Zeus Assembler TS2068 Program Review BY Joel Brody
P11* Music Library TS1000 Program Review BY Dennis Parker
P11* Character Design BY Walt Gaby
P12* Sinclair QL announcement BY Maile Hulihan and Dennis Kneale reprinted FROM The Wall Street Journal
P13* Display File Explorer TS2068 Program Listing BY Joel Brody
P15* Solar Water Heater Program Review BY Paul. D. Perreault
P15* ZX Spectrum Machine Code on the TS2068 Reprinted FROM Syntax ZX80

8403 TIMELINEZ (Vol 2 Issue 3)
P17* Timex Quits But We'll Go On
P17* T/S Users at the Computer Faire
P18* Timex Sinclair Color Graphics by Nick Hampshire A Book Review BY Walt Gaby
P19* Character Editor Program Listing by Nick Hampshire
P20* Card Games BY William Gordon
* Shuffle Routine Program Listing BY William Gordon
P22* TS1000 Parts Prices
* TS1016 Parts Prices
* Parts Order Form
P23* SINing and Filling-in on the TS2068 BY Joel Brody
P24* Books about the TS1000 and Memotech 32K Memory Review BY Michael Wiesenberg FROM Dr. Dobb's Journal 8312
P25* Joystick Patch For Timex Frogger

8404 TIMELINEZ (Vol 2 Issue 4)
P27* 2 page TIMELINEZ mailed with sample issue of T-S Horizons
P27* Computer Faire Report (brief) BY Bill Miller
P28* A keyword table for the TS2068 BY Henry Polard
Attachments
* T-S Horizons
* Sunset Electronics Flyer

8405 TIMELINEZ (Vol 2 Issue 5)
P29* Timex Update BY Rita Carr
***** 840424 Trinity Magnum? Dan Higgenbottom?
***** General Electric is trying to buy Timex Computer Corp. rights?
***** Radio Shack's TP-10 thermal printer paper really works great with the TS2040 printer. The print is darker and it sells for $3.95 for 2 rolls. (FROM C. Raynak of the Cleveland TS Users Group)
P29* Timex trade-in offer from Memotech
P30* A&J Microdrive Stringy Floppy for Timex 1500 Hardware Review BY R.L. Huxtable
P32* TV Computer Program Schedule BY Bill Miller
P32* Sinclair QL Update
P34* Rita Carr's Newsletter Exchange
***** Taming the bug in TS2068 VU-CALC BY Gary Szekeres OF The T/S Users Group of Cincinnati
***** Darken up the Display File (and Print Out) Program Listing FROM The Triangle Timex Users Group
***** Some Names at Timex FROM The Boston Computer Society
P35* Game Scoreboard Program Listing BY Kendric Smith
P36* Inverting Screen Display BY William Gordon
P38* Interfacing an electric typewriter to a ZX81 BY Vivian Nelson Mitchell

8406 TIMELINEZ (Vol 2 Issue 6)
P39* T/S Users Meet On Compuserve BY Norm Lehfeldt (Compuserve ID # 72466,3237)
P40* TS2068 WP32 Word Processing Program by Bob Orrfelt Review BY Walt Gaby
P41* T/S Hostel System BY Rick Johnson
P41* Timex announces schematic and Technical Manual for TS2068
P41* Timex Survivors Flyer FROM Games to Learn By, Inc
P42* Undocumented Z-80 Instructions BY Frank Maura
P44* Computer Faire Report BY Bill Miller
P45* Write an article for TIMELINEZ using DATA statements BY Bill Miller
P45* Inverting Sreen Display-Program Errors BY Pete Sadler
P45* Getting Acqainted BY Bill Miller
P45* ESFOA ST SIG (Exatron Stringy Floppy Owners Association, Sinclair Timex Special Interest Group)
***** Convert your CAI 2K ROM Stringy Floppy to work with the 4K ROM A&J Interface BY Bill Miller
P45* Tree- Forth Users BY J. Cohen
P46* Update BY Rita Carr
***** Brian Leary, Energy Management Rep. from PG&E spoke at the May meeting on home energy management/ security systems using a personal computer.
***** Bob McConahy of Washington DC area is building an interface to go under the TS2068
***** FROM Dick Wagner OF Oregon- Usefull POKEs for the TS2068
P46* Heard in the alley BY Bob Orrfelt
***** TS2068 Cartridge from ASTEC?
***** Repair parts for TS2040 from Alphacom?
***** Stringy Floppies (WAFADRIVE?) from Hong Kong?
***** Trinity Magnum? Dave Higgenbottom?

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8407 TIMELINEZ (Vol 2 Issue 7)
P47* Modem owners- List TS computer owners who also own modems BY Walt Gaby
P47* T/S Beats IBM BY Bob Orrfelt
P48* Scrabble Score Program Listing BY Kendric C. Smith
P50* T/S 1000 Programs on the TS2068 BY Norm Lehfeldt
P52* Nationwide Software Collection Proposal BY Frank P. Dunkelberg
P53* SCREEN- SOLV electronic worksheet description FROM Banta Software
P53* Zebra Systems BBS for TS users 212 296-2229
P54* War in the East Game Program Review- Rated Excellent BY Donald H. Marks

8408 TIMELINEZ (Vol 2 Issue 8)
P55* T/S Update
***** TS2068 Spectrum Emulator available from Doug Dewey
***** TS2068 Game Cartridges available from Sunset Electronics
***** TIMEX inventories sold to liquidator
***** TS2040 & TS1500 Schematics (drawn by Bob Orrfelt, traced by Jim Levey) available
***** BBS for all Timex users 304 652-1416
***** T-S Horizons (No. 6) has a review of Bob Orrfelt's WP-32 written BY Walt Gaby
***** SRL UK says it will sell 600 48K ZX Spectrums to a Chinese College
***** Sync Ware News is a new publication from Tom Woods
***** Computer Trader Magazine has a section on TS computers
***** Computer Shopper has a TS section BY Mark Fendrick (Compuserve EMAIL 74216, 1245)
P56* Hidden Word Puzzle Generator Program Listing BY George Mockridge
P60* The Jungle Jim BY Jim March
***** Addition of Strings
P61* Rita Carr's Newsletter Exchange
***** From THE RAMTOP
****** Tips on typing in TS2068 programs BY Darrell Geiger
***** FROM John Peterson OF South Bay Computer Club
****** Non- Breakable Programs TS2068 Back- Up Copies
P61* Convert your CAI Stringy Floppy to store variables with the BASIC program just as the cassette does BY Bill Miller

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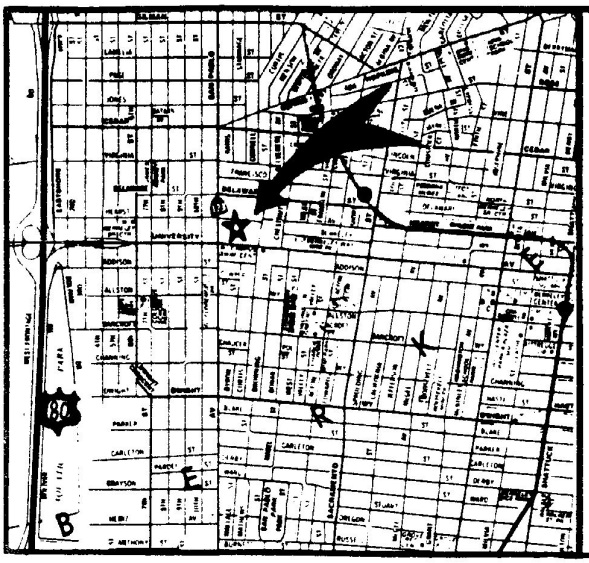
P61* In and out of CAPS mode from within program for TS2068 program listing BY Walt Gaby
P61* The First Bug BY Navy Capt. Grace Hopper
P62* A complete graphics package for the TS2068 (Graphist) Software Review

8409 TIMELINEZ (Vol 2 Issue 9)
P63* TIMELINEZ gets it's hands on a 'WAFADRIVE' prototype (Dual Stringy Floppy, RS-232 port, Centronics style port Unit for the ZX Spectrum) Contact Bill Miller
P63* T/S on-line- TS2050 Modem, Compuserve, and BBS report BY Joel Brody
P63* Usefull POKEs for the TS2068 BY George Mockridge
P66* Rita Carr's Newsletter Exchange
***** FROM CCAT/S
****** Breaking and saving programs on the TS2068 BY Dennis Jurries
***** FROM Susan Hiatt in Ohio
****** Convert Binary Numbers to Decimal on the TS2068
***** FROM ATSU NL (in central Ohio) BY David Hosher- Unbreakable/ Unstopable program listing?
P66* TS2068 User's Guidebook lists over 250 products for the TS2068 and over 80 dealers still supporting it FROM T.S. Services
P66* Linda Banta of Banta Software Sends two programs to tell if TS2040 is on or off
P77* The Jungle Jim BY Jim March
***** The GOTO statement
***** How the computer stores a program line in memory
P68* Spectrum Emulator/ Chameleon News BY Rick Link OF EBZUG
P70* Graphing Data: Part I BY Donald H. Marks



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East Bay Z80 User Group
654 40th Street
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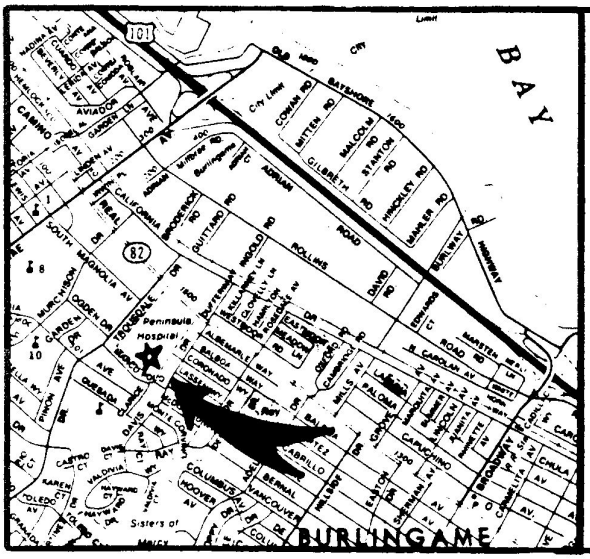
PRESIDENT Joel Brody
NEWSLETTER EDITOR Rick Link

EBZUG meets the third Thursday of each month at:

WEST BRANCH BERKELEY PUBLIC LIBRARY at the corner of University and San Pablo. Meetings start at 7:30 pm. Bring equipment and power strips.

UPCOMING MEETINGS:
No December Meeting
January 17, 1985
February 21, 1985



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PRESIDENT George Mockridge
LETTER EDITOR George Mockridge

PUG meets the third Sunday of each month at:

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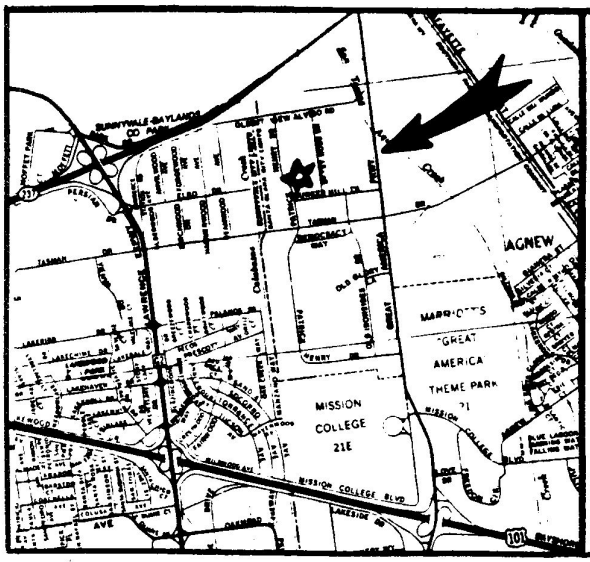
UPCOMING MEETINGS:
No December Meeting
January 20, 1985 (10 AM)
February 17, 1985



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Santa Clara, CA 95054-0133
(408) 738-2888 X4536

PRESIDENT Rita Carr
NEWSLETTER EDITOR Bill Miller

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UPCOMING MEETINGS:
No December Meeting
January 29, 1985
February 26, 1985

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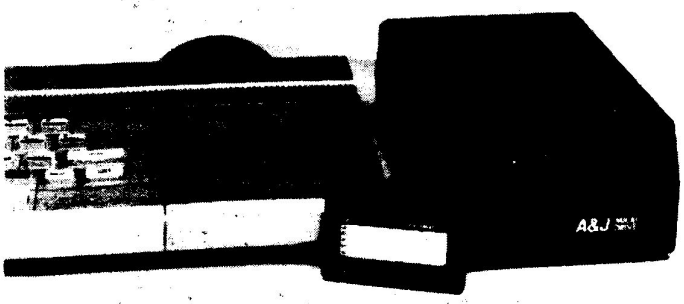

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820040	MODEL 2000 DRIVE 2	124.50
900001	10' MICRO WAFER II	4.25
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8410 TIMELINEZ (Vol 2 Issue 10)
P71* Word Processor can be customized by TS1000/ 1500 users- Word Processor Program Review BY Norm Lehfeldt
P72* The Jungle Jim- ROM character generator Part I BY Jim March
P73* Rita Carr's Newsletter Exchange
***** FROM BCSTSNL (Boston Computer Society T/S Newsletter)
****** Password Security- Program Listing BY John Kemeny
***** FROM CPT Charles R. Byler
****** Stop Auto- running ZX81/ TS1000 Programs
****** Get a ZX Spectrum ROM from the UK for about $9
***** FROM EBZUG- Mike Minutoli
****** Banta Software 'Is The Printer on or off' Listing for the TS1000 (P66) error
***** FROM SRLUSAPR- Mary Reinman
****** Sinclair Research Ltd. Expands- Opens New Offices in Middle East and South East Asia
****** Sinclair's current computer production exceeds 150,000 units per month
****** QL has been sold by mail order in UK for six months
***** FROM CATS (Capital Area TS users group)
****** A cozy nook for machine code in the TS2068 BY ?
P76* 8-16K Switch for Cheetah 64K RAM Packs BY Doug Hoiles
P77* Program listing for graphing data; Part II BY Donald H. Marks

8411 TIMELINEZ (Vol 2 Issue 11)
P79* Pay Off That Debt! Loan amortization program BY Walt Gaby
P79* Changing The Guard- Jim March takes over as TIMELINEZ Managing Editor
P80* The Jungle Jim- Character Display, Part II and PAUSE BY Jim March
P81* Pattern Generator Helps Adjust Color TV Sets and Monitors BY Norm Lehfeldt
P81* How to adjust TS2068 color, to remove 'tear' and to remove 'character bleeding' or 'crawlies' BY George Mockridge
P82* EBZUG Swap Meet Report
P84* Double size letters for Bob Orrfelt's WP-32 Word Processor Program BY Walt Gaby
P85* More Information From Rita Carr's N/L Exchange Program
***** From T/S Services N/L
****** Aerco- Tasword Two Patch
****** TS2050 MODEMS vs Power Strips
****** TS Maintenance News
***** From T/S Users Group of Cincinnati
****** Corrections to TS2068 Technical Manual
****** Public Domain Software Exchange Offer
***** From SUM (S/T Users Magazine)
****** How to use a large Bit Mapped Graphics Printer with the TS2050 Modem and Aerco interface
***** From T/S Users Group of Vancouver
****** Find the Area of an irregular space with your ZX81- Program Listing
P86* Timex Perpetual Calendar Program Listing (Lines 475-800 are missing) BY Jay Brockman

Managing Editor Jim March

Editors
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PUG G. Mockridge
SVSTUG Bill Miller

Advertising
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